Built to deploy massive AI workloads at the Edge, Anvil is the AI supercomputer Jetson AGX Orin™ was made for.

Anvil comes ready to withstand even the most compute intensive AI applications with its power-efficient and feature rich design. Seamlessly deploy your next generation autonomous vehicle, smart city application, or intelligent vision solution with this state-of-the-art NVIDIA® Jetson AGX Orin™ supercomputer.

Field-ready for instant deployment with the NVIDIA® Jetson AGX Orin™. Featuring both active and passive cooling options.

FEATURES

- 2x 10GBASE-T Ethernet (RJ-45)
- 2x NVMe M.2 Key M Slots
- Up to 8 GMSL2 or FPD-Link Camera Inputs
- Commercially deployable NVIDIA® Jetson AGX Orin™ platform
- 2x USB 3.2, 2x GbE

SPECIFICATIONS

<table>
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<tr>
<th>Compatibility</th>
<th>Pre-integrated with NVIDIA® Jetson AGX Orin™ 32GB or 64GB</th>
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| GPU                   | 1792-core NVIDIA Ampere with 56 Tensor Cores (AGX Orin 32GB)  
                        | 2048-core NVIDIA Ampere with 64 Tensor Cores (AGX Orin 64GB) |
| Memory                | 32GB, 64GB                                                 |
| Display Output        | 1x Display Port                                            |
| GMSL Camera Inputs    | 8x GMSL 1/2 Camera Inputs (MIPI CSI-2 Access to Jetson)    |
| Wireless / Misc Expansion 1 | 1x M.2 Key E 2230 Wifi/BT (PCIe/USB2)  
                          | 1x M.2 Key B 3042/3052 (LTE/5G - USB3) with Micro SIM |
| CAN                   | 2x CAN 2.0b Non-Isolated Port                             |
| Weight                | 2.31kg (5.1 lbs)                                          |

AI Performance

- 200 TOPs (AGX Orin 32GB)
- 275 TOPs (AGX Orin 64GB)

CPU

- 8-core Arm® Cortex®-A78AE v8.2 64-bit CPU
- 12-core Arm® Cortex®-A78AE v8.2 64-bit CPU
- 2MB L2 + 4MB L3 (AGX Orin 32GB)
- 3MB L2 + 6MB L3 (AGX Orin 64GB)

Dimensions

- 177.8mm (w) x 107.95mm(h) x 177.8mm (d)
- 7” (w) x 4.25” (h) x 7” (d)

Networking

- 2x 1GbE, 2x10GbE

USB

- 1x USB 3.2 Ports (Type-C)
- 1x USB 3.2 Ports (Type-C - OTG Capable)

Storage

- 64 GB internal eMMC 5.1
- 2x M.2 Key M 2280 NVMe (4 lane PCIe Gen4)
- 1x Micro SD Slot

MISC / IO Connector

- 4x 3.3V GPO Inputs
- 6x 3.3V GPO Outputs (2xPWM Capable)
- 1x 3.3V Power Pin at 1A

Input Power

- +10 to 36V DC Input

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